

Top Ten Highest Historical Crests: Brandywine Creek at Chadds Ford

Latitude: 39.87

Period of Record: 1912-Present

Longitude: -75.594

Flood Stage: 9

Last Flood: 2/25/2016

Total Number of Floods: 133

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
9/17/1999	17.15	26,900	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.
6/22/1972	16.56	23,800	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
5/1/2014	16.06	22,200	The boundary between the cold air and the warm moist air produced heavy rainfall and flooding from eastern VA NE through NJ. The surge of high PW air and strong winds over the cold front had the appearance of a Maddox synoptic type event.
8/28/2011	15.23	18,300	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
3/5/1920	15.00	17,200	The frozen Juniata and Susquehanna Rivers began to thaw on March 6, nearly 2.5 months since they were initially frozen. The ice cause multiple floods.
8/9/1942	14.80	16,800	The weather summary is unavailable at this time.
8/4/1915	14.70	16,500	The first tropical cyclone of 1915 interacted with a low pressure system and dumped 2 -3 inches of rain across much of the Mid-Atlantic region.
8/19/1955	14.64	16,400	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
9/13/1971	14.39	14,300	A stalled front across NJ and an upper-level cut-off low centered over Pennsylvania and Virginia produced flooding rains across our eastern basins.

Drainage Area: 287 sq mi

Gage Datum: 150.45 ft MSL

Brandywine Basin

County of Gage: Delaware

County of Forecast Point: Delaware

Created 8/7/2016 10:36:22 AM

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
1/25/1979	14.35	16,400	A significant low pressure system produced 2 to 4 inches of rain throughout New Jersey, Eastern Pennsylvania and Virginia.

Drainage Area: 287 sq mi
Gage Datum: 150.45 ft MSL

Created 8/7/2016 10:36:22 AM

Brandywine Basin

County of Gage: Delaware
County of Forecast Point: Delaware